

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S447	1	"7088395" and exposure with center and spir\$4 and center	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 18:09
S446	1	"7088395" and exposure with center and spir\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 18:09
S444	2	"6665010".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 18:02
S445	11	S439 and cmos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 16:59
S443	66	morris.in. and region and cmos	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 16:58
S440	5	S439 and spiral\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 16:57
S442	1423	(read\$4 or read\$4out or read\$4-out) with spiral\$4 and (ccd or cmos or sensor or imager or (imag\$4 near3 (device or apparatus or tak\$4 or pick\$4up or captur\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 15:20
S441	1317	(read\$4 or read\$4out or read\$4-out) with spiral\$4 and (ccd or cmos or sensor or imager or (imag\$4 near3 (device or apparatus or tak\$4 or pick\$4up or captur\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 15:20

## EAST Search History

S43 9	51	(US-20020164165-\$ or US-20020164147-\$ or US-20010001563-\$ or US-20050023027-\$ or US-20050007460-\$ or US-20040041919-\$ or US-20030052987-\$ or US-20040174445-\$ or US-20050162531-\$ or US-20030090583-\$ or US-20030122938-\$ or US-20020113455-\$ or US-20050145800-\$ or US-20020101532-\$).did. or (US-6253023-\$ or US-5047793-\$ or US-5040006-\$ or US-5469211-\$ or US-RE35592-\$ or US-6226068-\$ or US-5825408-\$ or US-6628326-\$ or US-6559963-\$ or US-5032918-\$ or US-6833862-\$ or US-7151560-\$ or US-5434902-\$ or US-7075569-\$ or US-5576562-\$ or US-5019855-\$ or US-6028606-\$ or US-4945380-\$ or US-6940546-\$ or US-6670988-\$ or US-6665010-\$ or US-6538698-\$ or US-6945928-\$ or US-5394525-\$ or US-7202898-\$ or US-6873360-\$).did. or (US-7034309-\$ or US-7030385-\$ or US-4833538-\$ or US-4524390-\$ or US-7088395-\$ or US-6532311-\$ or US-6519314-\$).did. or (US-2523067-\$).did. or (WO-9750243-\$).did. or (JP-2002350963-\$).did. or (US-4075829-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 15:18
S43 8	4	("20020021360"   "20020140825"   "6151136"   "6788813").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/18 15:17
S43 7	32	cmos near3 sensor and (read\$4 or read\$4out or read\$4-out) with spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:16
S43 6	2	"6519314".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:14

## EAST Search History

S43 5	2	"5861654".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:13
S43 4	2	"6591314".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:13
S43 3	1	10/052020	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:12
S43 2	134	(sensor or pixel or ccd or cmos or imager or camera) with spiral\$4 with read\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 15:09
S43 1	82	S430 not silverbrook.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:57
S43 0	97	"348"/\$.ccls. and read\$4 with spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:53
S42 9	0	speed with progress\$4 with read\$4 and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:51

## EAST Search History

S42 8	0	speed with progress\$4 with read and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:23
S42 7	0	speed with progression with line and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:23
S42 6	0	speed with preogession with line and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:23
S42 5	267	348/297.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 14:22
S42 1	24	pixel with reset\$4 with line\$4line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:40
S42 4	6	(sensor or imager or ccd) with reset\$4 with line\$4line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:36
S42 3	6	(sensor or imager or cd) with reset\$4 with line\$4line	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:36

## EAST Search History

S42 2	29	("20010007471" "20020027606" "20020080248" "20030007088" "20030090583" "20030095192" "6091908" "6097022" "6606121" "6657177" "6665010" "6831689" "6873360" "6950141" "6977685").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:28
S42 0	8	("20020008760" "20020135688" "20040032952").PN..	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:24
S41 9	29	("20010007471" "20020027606" "20020080248" "20030007088" "20030090583" "20030095192" "6091908" "6097022" "6606121" "6657177" "6665010" "6831689" "6873360" "6950141" "6977685").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:05
S41 8	0	10/437206	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 13:50
S41 7	45	S416 not zhu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 13:49
S41 6	82	pixel with (read\$4out or read\$4 or read-out) with start\$4 with (center or middle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 11:06
S41 4	140	lens near3 (vignet\$4 or shad\$4 or fall\$4off) with filter	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 11:05
S41 5	14	("4906081").URPN.	USPAT	OR	OFF	2007/05/17 10:56
S41 3	10	("4221475"   "4628469"   "4979816"   "5015868"   "5345266"   "5430290"   "5446529"   "5682229"   "5898484"   "6665010").PN. OR ("7202898").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 10:50

## EAST Search History

S41 2	35	("20020001037"   "4573077"   "5008698"   "5262871"   "5353058"   "5414487"   "5418565"   "5436662"   "5497215"   "5541654"   "5615399"   "5734426"   "5812191"   "5872596"   "5943514"   "6148113"   "6180935"   "6255638"   "6337713").PN. OR ("6665010").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 10:40
S41 1	2	"6665010".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:40
S41 0	59	("5040069" "5130804" "5418566" "55 61458" "5617131" "5777335" "582153 2" "5847887" "6011860" "6122009" "6 172351" "6172361" "6187522" "63694 35" "6392703" "6512219" "6571466" " 6603107" "6724503" "6727564" "6745 061" "6768516" "6943424" "7110033" ).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:36
S40 9	227	348/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 15:36
S40 8	911	S407 and @ad<"20030708"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 14:15
S40 7	1279	(sensor or imager or camera or (imag\$4 near4 (apparatus or device or element or detect\$4 or captur\$4))) and (read\$4 or read\$4out or read-out) with center with (border or edge or peripher\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 14:06
S40 6	1505	(sensor or imager or camera or (imag\$4 near4 (apparatus or device or element or detect\$4 or captur\$4))) and (read\$4 or read\$4out or read-out) with center with (border or edge or peripher\$3 or outside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 14:06

## EAST Search History

S40 5	6873516	(sensor or imager or camera or (imag\$4 near4 (apparatus or device or element or detect\$4 or captur\$4))) and (read\$4 or read\$4out or read-out) with center woth (border or edge or peripher\$3 or outside)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 14:05
S40 4	38	S403 not zhu.in. not knowles.in. not tsikos.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 13:44
S40 3	75	read\$4 with pixel with start\$4 with center	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 12:20
S40 2	0	read\$4 with pixel with cstart\$4 with center	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 12:19
S40 1	0	read with pixel with cstart\$4 with center	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 12:19
S40 0	0	read\$4out with pixel with cstart\$4 with center	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 12:19
S39 9	6	read\$4out with pixel with circle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 12:19

## EAST Search History

S39 8	102	read\$4out with pixel with center	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 12:16
S39 7	0	read\$4out with pixel with center with edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 10:52
S39 6	1	10/614936 and curv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 10:52
S39 5	159	(348/224.1.ccls. or 348/251.ccls.) and (vignet\$4 or shad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/16 10:17
S39 4	227	348/251.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:18
S38 7	139	348/224.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:17
S39 3	9129	lens with (fall\$4off or shad\$4 or vignet\$4 or (aberrat\$4 near3 (border or edges or periphery)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/15 17:11
S39 2	11	("2854337"   "4243618"   "4478769"   "4528260"   "4952036"   "5052783"   "5126863"   "5225935"   "5298366"   "5300263").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:10
S39 1	28	"5439621"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:09
S39 0	1	"6538698".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 17:08
S38 9	1	09/951297	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 16:24



## EAST Search History

S38 8	15	("20010007471" "20020027606" "20020080248" "20030007088" "20030090583" "20030095192" "6091908" "6097022" "6606121" "6657177" "6665010" "6831689" "6873360" "6950141" "6977685").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:52
S38 6	1314	recurr\$5 with display\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:16
S38 5	0	recurr\$5 with thumbnail with display\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:13
S38 4	0	recurr\$4 with thumbnail with display\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:13
S38 3	17	("4178075"   "4583831"   "4647161"   "5185667"   "5276519"   "5323204"   "5461440"   "5606365"   "5696850"   "5710954"   "5726810"   "5739924"   "5751863"   "5818527"   "5825556"   "6281931"   "6538691").PN. OR ("6747702").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:13
S38 2	34	("5365303").PN. OR ("5461440").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:09
S38 1	19	("4583186"   "4734783"   "4816663"   "4845551"   "4945406"   "4979042"   "5134573"   "5253083"   "5303056"   "5343302"   "5461440"   "5659813"   "5822453"   "6141046"   "6181830"   "6323934"   "6339466").PN. OR ("6670988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 15:07
S38 0	6	("4945406"   "5343302"   "5461440"   "6323934"   "6670988").PN. OR ("6940546").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 13:37
S37 9	48	S377 same expos\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:36
S37 8	6	S377 same integrat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:35

## EAST Search History

S37 7	266	S376 with lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:34
S37 6	9556	fall\$4off	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:34
S37 5	416	S374 and (@ad<"20030708" or @rlad<"20030708")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:33
S37 4	553	S372 and (ccd or imager or camera or (imag\$4 near3 (device or pick\$3up or captur\$4 or aparatus)) or pixel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:28
S37 3	640	S372 and image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:27
S37 2	1273	(shad\$4 or vignet\$4) same (integrat\$4 or reset\$4 or accumulat\$4) near5 (time or period or interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:27
S37 1	98	S370 and (integrat\$4 or reset\$4 or accumulat\$4 or expos\$4) near5 (time or period or interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:26

## EAST Search History

S370	845	lens with (vignet\$4 or shad\$4) with edge	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/15 13:17
S369	63	electronic near2 shutter and vignet\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 13:14
S368	14	("4965840"   "5193124"   "5361127").PN. OR ("6028606").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 13:01
S367	14	("4965840"   "5193124"   "5361127").PN. OR ("6028606").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 12:20
S366	22	vignet\$4 same (accumulat\$4 or integrat\$4 or expos\$4) near4 (period or time or interval) and lens near3 (vignet\$4 or shad\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/15 12:19
S365	31	vignet\$4 and reset\$4 near4 (photo\$1diode or pixel or photo\$1element or (image near3 (site or element)) or photo\$1site or sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/15 12:18
S364	4	lens near3 vignet\$4 and reset\$4 near4 (photo\$1diode or pixel or photo\$1element or (image near3 (site or element)) or photo\$1site or sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 17:39
S363	1	lens near3 vignet\$4 same reset\$4 near4 (photo\$1diode or pixel or photo\$1element or (image near3 (site or element)) or photo\$1site or sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 17:38
S362	1	lens near3 vignet\$4 same reset\$4 near4 (photo\$1diode or pixel or photo\$1element or (image near3 (site or element)) or photo\$1site)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 17:38
S361	13	("4294544"   "4852972").PN. OR ("5019855").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 17:36
S360	15	S359 same (integrat\$4 or expos\$4 or accumulat\$4) near3 (time or period or interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 17:28

## EAST Search History

S35 9	1063	lens near4 vignet\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 17:27
S35 8	383	257/232.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 17:27
S35 7	10	("5379067").PN. OR ("5576562"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 17:24
S35 6	12	("20010033701"   "20030133019"   "20040174445"   "5162914"   "5402171"   "5576562"   "5982951"   "6097430"   "6243103"   "6744471"   "6833862"   "6963674").PN. OR ("7075569").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 17:07
S35 5	18	("20030052987"   "20050030383"   "4608593"   "4816663"   "5181098"   "5319443"   "5381174"   "5434902"   "5659357"   "5659813"   "5699440"   "5764386"   "6016161"   "6437823"   "6707500"   "6833862"   "7023472"   "7038712").PN. OR ("7151560").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 17:04
S35 4	19	("4816663"   "4884140"   "4979042"   "5047861"   "5343302"   "5381174"   "5434902"   "5563405"   "5576797"   "5784100"   "5917549"   "6055066"   "6195469"   "6538691").PN. OR ("6833862").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 17:03
S35 3	18	("4647975" "5305046" "6055066" "66 54062" "6744471" "6747696" "675392 0" "6833862").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 17:01
S35 2	147	shad\$4 near3 correct\$4 same (integrat\$43 or accumul\$4 or expos\$4) near3 (time or period or interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 17:01

## EAST Search History

S35 1	39	(@ad<"20030708" or @rlad<"20030708") and shad\$3 same (adjust\$4 or chang\$4 or set or setting) near3 (integrat\$4 or accumul\$4) near4 (time or period or interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 16:57
S35 0	0	(@ad<"20030708" or @rlad<"20030708") and lens near2 shad\$3 same (adjust\$4 or chang\$4 or set or setting) near3 (integrat\$4 or accumul\$4) near4 (time or period or interval)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 16:48
S34 9	144	S348 and (@ad<"20030708" or @rlad<"20030708")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 16:46
S34 4	94	S343 and (@ad<"20030708" or @rlad<"20030708")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 16:00
S34 8	164	shad\$3 near3 (adjust\$4 or correct\$4) and (adjust\$4 or chang\$4 or longer or shorter) with (integrat\$4 or accumul\$4) near3 (time or period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:56
S34 7	6	("20020008760" "20020135688" "20040032952").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:55
S34 6	15	pixel with reset\$4 with read\$4 and reset with read\$4 with (time or period or interval) and (shad\$4 or vignet\$4) with lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:54

## EAST Search History

S34 3	161	pixel with reset\$4 with read\$4 and reset with read\$4 with (time or period or interval) and (shad\$4 or vignet\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:45
S34 5	67	(nelson with hernandez).xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:35
S34 0	19	S339 and (@ad<"20030708" or @riad<"20030708")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:24
S34 2	227	348/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:23
S34 1	5	period with reset\$4 with read\$4 with (chang\$4 or longer) and (shading or vignetting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:18
S33 9	45	S336 and read\$3 with reset\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:12
S33 8	27	S336 and read\$4out with reset\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:12

## EAST Search History

S33 7	80	S336 and read\$4out	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:10
S33 6	1063	lens near4 vignet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/14 15:09